

BOUCHAL, M.; DOBIAS, J.; DOBISEK, K.; VENCOVSKY, E.

Participation of Czech psychiatrists in the fight against fascism.
Cesk. psychiat. 57 no.5:313-318 '61.

1. Psychiatricka klinika v Praze, Psychiatricka klinika v Brne,
Psychiatricka klinika v Pizni, Psychiatricka lecebna v Praze -
Bohnicich.

(PSYCHIATRY hist)

DOBIAŠ, Jan, doc. dr.

Peculiarities of the human being and special position of man in the
external environment (natural and social). Cas. lek. česk. 101
no.42:1432-1437 19 0 '62.

(SOCIAL CONDITIONS)

(ENVIRONMENT)

(PHILOSOPHY MEDICAL)

DOBIAS, Jan, doc. dr.

Peculiarities of the human being and special position of man in the external environment (natural and social). Cas. lek. cesk. 101 no.48:
1432-1437 30 N '62.

(SOCIAL CONDITIONS) (ENVIRONMENT) (PHILOSOPHY MEDICAL)

DOBIAS, J.

The significance of biotypology and the concept of constitution
in medicine, particularly in psychiatry. Cas. lek. cesk. 104
no.12r305-307 26 Mr'65.

1.Psychiatricka klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta: prof. dr. V. Vondracek, DrSc.).

DOBIAK, J. (Praha 2, Ke Karlovu 11); SKALICKOVA, O.

The development of the psychiatric clinic in Prague during the
past 20 years. Cesk. psychiat. 61 no.3:206-210 Je '65.

Marcoslay, Dobias

DOBIA S, Jaroslav

Chemical Abst.
Vol. 48 No. 3
Feb. 10, 1954
Dyes and Textile Chemistry

① Chem
Optical bleaching agents. Marcoslay, Dobias, Chem.,
Przemysl 3, 270-01 (1953).—A review of com. optical-bleach-
ing agents for textiles. L. A. Helwich

9-2
gff

DOBIAŠ, J., Dr.; KRUML, I., Dr.; VIKLICKÝ, J., Dr.

Peripheral phlegm forming carcinoma of the lungs. Cas. lek.
česk. 44 no.37:1000-1004 9 Sept 55.

1. Z prosekury na Bulovce, prednosti Dr. J. Viklicky.
(LUNGS, neoplasms
phlegm forming.)

DOBIAŠ, J.

EXCERPTA MEDICA Sec.16 Vol.4/4 Cancer April 56

1443. DOBIAŠ J., KRUML J. and VIKLICKÝ J. Prosek, na Bulovce. Periferní
hlenotvorný karcinom plíc *Periferous mucus secreting cancer of the lung* Čas. Lek. čes. 1955,
94/37 (1000-1004) Illus. 16

A report of 6 cases of 'alveolar cell carcinoma'. The tumours originated in a sub-
pleural area. In 2 cases the origin from scars after lung infarcts could be proved.

Dvořáček - Olomouc

DOBIAS, Jar.; KROO, A.H.

Child mortality in influenza during the fall of 1957 and during
the spring of 1958. Bulovka, Prague, 8. Cesk.pediat. 14 no.9:
779-784 S '59.

I. Patologicko-anatomicke odd. SON Bulovka, prednosta dr. J. Viklicky.
I. inf. klinika na Bulovce, prednosta prof.dr. J. Prochazka. Detak
odd. na Bulovce, prednosta prof.dr. Epstein.
(INFLUENZA in inf.& child.)

EXCERPTA MEDICA Sec 15 Vol 13/3 Chest Dis. Mar 60

787. WEGENER'S GRANULOMATOSIS - Wegenerova granulomatóza - Dobiaš
J. Pe. J. Anat. Odd. Nemocn. na Bulovce - ROZHL. TUBERK. 1959, 1973
(401-4) Illus.11

An extensiv report is given on two cases of the form of granulomatosis described for the first time by Wegener in 1938. The clinical and morphological changes are described and discussed. Necrosing granulomas are found in numerous organs, especially in the respiratory tract, in the liver, in the gastric wall and the kidneys. The opinions on the cause of these necrosing processes are stated; special attention is given to segmental angiitis and endothelial proliferation. An ample list of literature is given.

Schaich - Luisenheim (XV,5,6)

DOBIAK, Jaroslav; JANOTA, Otakar; TAX, Josef

Spinal cord abscesses. Cesk. neur. 22 no.3:203-209 May 59.

1. Patologickoanatomicke odd. prednosta prim. dr. Viklicky
Neurologicke odd., prednosta prof. dr. O. Janota II. interni odd.,
prednosta prof. dr. R. Poit.
(SPINAL CORD, abscess,
case reports (Cz))

SYMON, Ladislav; DOBIAS, Jaroslav

Dissecting aneurysm of the aorta (contribution to the diagnosis).
Cas. lek. cesk. 98 no.36;1139-1143 4 Sept 59

1. I. interni oddeleni prednosta MUDr L. Symon. Prosekatura nemocnice
v Praze 8, prednosta MUDr. J. Vlklicky
(AORTIC ANEURYSM, diag.)

BAIEROVA, M.; DOBIAS, J.; DANECKOVA, I.

Embryonic mixed tumor of the liver in an 8 and half months old infant.
Neoplasma, Bratisl. 7 no.1:110-116 '60.

1. Abteilung fur Kinder und Sauglinge und Pathologisch-Anatomische
Abteilung des Bubvka Krankenhauses, Prag, CSR.
(LIVER NEOPLASMS in inf. & child)

DOBIAŠ, J.; DVORSKÝ, K.; KRUML, J.; MACEK, M.

Cerebrospinal form of paragonimiasis. Česk. neur. 23 no.1/2:
48-52 Ja '60.

1. Pat. anat. odd. na Bulovce a UDL, Praha, predn. MUDr. J.
Viklický; Pat. anat. odd. všeob. fakulty, Brno, predn. prof. MUDr.
J. Svejda; Bakteriolog. odd. na Bulovce, Praha, predn. doc. MUDr.
V. Wagner.

(DISTOMIASIS)

(CENTRAL NERVOUS SYSTEM dis.)

DOBIAK, J.; VINAR, O.; POGADY, J.

Current status, objectives and role of mental hygiene. Activ. nerv.
sup. 3 no.4:428-431 '61.

(MENTAL HYGIENE)

DOBIAK, Jaroslav; KLIMKOVA-DEUTSCHOVA, Eliska

Intradural lipoma of the spinal cord. Cesk. neur. 24 no.5:351-357.
S '61.

1. Patologicke-anatomicke oddeleni nemocnice na Bulovce (prednosta
primar doc. dr. J. Viklicky) Neurologicka klinika akademika prof. dr.
Kamila Hennera.

(SPINAL CORD neoplasms) (LIPOMA case reports)

DO BIAS, J

- 36
- Project, "Medical Research, Vol VIII," No. 2, January 1952
Copyright 1952 American Medical Association
Chicago, Illinois, 1952
1. "Spectrometry," Robert J. MASON, pp 121-127.
 2. "Radiation Radiation as a Potential Carcinogenic Factor," R. MASON,
S. LASSER, O. D. GOODMAN, L. BLOCH, and R. S. COHEN, (continued)
pp 128-132. Includes a radiobiological discussion of cancer in animals.
(Published previously in *Lancet*, February 27, 1952.)
 3. "Cytological Preparation of Human Cells," Robert J. MASON, Proj.
No. 125-31, pp 133-135. Includes a discussion of the preparation of
human cells for cytological examination, and a method for
fixing of tissue specimens for cytological examination. Includes
a discussion of the use of the technique in the diagnosis of
cancer.
 4. "Nucleic Acid Fractionation in Human Cells," Robert J. MASON,
pp 136-137. Includes a discussion of the fractionation of nucleic acids
from human cells, and a method for the fractionation of nucleic acids
from human cells for the determination of their chemical
(continued) composition.
 5. "Preparation of Nucleic Acid Fraction from Human Cells," Robert J. MASON,
pp 138-139. Includes a discussion of the preparation of nucleic acid
from human cells, and a method for the preparation of nucleic acid
from human cells for the determination of its chemical
(continued) composition.
 6. "Effect of Polymers on Type of Preparation of Nucleic Acid and
Effectiveness of Various Types of Cell Suspensions," O. D. GOODMAN and L. B.
BLOCH (University of Illinois), Proj. No. 125-31, pp 140-141. Includes
a discussion of the effect of various polymers on the preparation of
nucleic acid from human cells, and a method for the preparation of
nucleic acid from human cells for the determination of its chemical
(continued) composition.
 7. "The Relation of Polymerized Cellulose Fibers to Neoplasia Formation,"
J. H. LEWIS, First, Second, and Third Year Medical Faculty of Indiana
University, Indiana University, Bloomington, Indiana, Proj. No.
125-31, pp 142-143. Includes a discussion of the relation of polymerized
cellulose fibers to the formation of neoplasia in animal cells, and a
method for the preparation of polymerized cellulose fibers for
use in the prevention of neoplasia in animal cells.
 8. "The Causes of Heart Failure From the Clinical Point of View,"
D. C. MASON, Proj. No. 125-31, pp 144-145. Includes a discussion of the
causes of heart failure in man.
- #245
- X —

J. DOBIAS and E. KLIMKOVA-DEUTSCHOVA [Affiliation not stated]

"Reply to the discussion by Dr. Sv. NOVOTNY to the Article on the
"Intradural Lipoma of the Spine" in the Ceskoslovenska Neurologie
24, 5, 351-357, 1961."

Prague, Ceskoslovenska Neurologie, Vol 26(59), no 1, Jan 62; pp 62-63.

Abstract: Polemical rebuttal of the authors of challenged article:
the challenger's article was published after the authors' one was
submitted; there were many important and interesting and unique
features to their case report, and anyway it does not seem fitting
to start a priority argument about a case report in which no novel
methodological or technical developments are reported.

1/1

BETINA, V.; NEMEC, P.; DOBIAS, J.; BARATH, Z.

Cyanein, a new antibiotic from penicillium cyaneum. Folia microbiol.
7 no.6:353-357 '62.

1. Department of Technical Microbiology and Biochemistry, Faculty of
Chemistry, Slovak Technical University, Bratislava.
(ANTIBIOTICS)

VIDO, I.; VIDO, J.; DOBIS, J.

Contribution to the study of the bromsulphalein test in experimental liver lesions. Bratisl. Lek. Listy 42 no.4:208-214 '62.

1. Z III. internej kliniky Lek. fak. Univ. Komenskeho v Bratislave,
veduci prof. MUDr. T. R. Neiderland, C. Sc.
(SULFOBROMPHTHALEIN) (LIVER DISEASES)
(LIVER FUNCTION TESTS)

BEDNAR, B.; BRAUN, A.; DOBIAS, J.; JIRASEK, A.; KALUS, M.; PITHA, J.; STEJSKAL, J.;
STEJSKALOVA, A.; URBANOVA, D.

"Internal" precancerosis from the point of view of pathology. Rev.
czech. med. 8 no.3:179-185 '62.

1. The Hlava First Pathological Institute, Medical Faculty, Charles
University, Prague; Director: Prof. B. Bednar, M.D., D.Sc.
(NEOPLASMS)

DOBIAŠ, Jaroslav. Spoluprace: HATLÉ, J. inz.

Relation of central and peripheral atherosclerosis. Acta Univ.
Carol. [med.] (Praha) 9 no. 7:575-585 '63.

1. I.Patologickoanatomicky ustav fakulty všeobecného lékařství
University Karlovy v Praze (prednosta: prof. MUDr.B.Bednář,
DrSc) (for Dobias). 2. Katedra statistiky Vysoké školy
ekonomické v Praze (for Hatlé).

DOBIAŠ, Jaroslav

Bronchial arterial bed in different pneumopathies. Acta Univ.
Carol. [med.] (Praga) 10 no.7s459-500 '64

1. I. patologickoanatomicky ustav fakulty všeobecného lekarství
University Karlovy v Praze (prednosta prof. MUDr. B. Bednář, DrSc.)

DOBIALS, J.; GABRIEL, J.; RUZICKOVA, V.

On the current status of pathological and anatomical service.
Cas. lek. Cesk. 104 no.44:1223-1225 5 N '65.

1. I. patologickoanatomicky ustav fakulty vseobecneho lekarstvi
Karlov University v Praze (prednosta prof. dr. B. Bednar, DrSc.),
a Ministerstvo zdravotnictvi v Praze.

Pathology

CZECHOSLOVAKIA

UDC 616.233-002.2-091

DOBIAK, Jaroslav; Hlava's 1st Pathological and Anatomical Institute, Faculty of General Medicine, Charles University (Hlavuv I. Patologickoanatomicky Ustav Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof Dr B. BEDNAR

"Pathological Anatomy of Chronic Bronchitis."

Prague, Pracovni Lekarstvi, Vol 19, No 2, Mar 67, pp 70 - 74

Abstract: Macroscopical findings during autopsies are described. Microscopic pictures of individual sections of the bronchial walls are discussed. Condition of the bronchial epithelium in the affected patients is described. The condition of the basal membrane, subepithelial zone, the zone of the glands and perichondrium is discussed. Morphological changes induced by the disease are described. 28 Western, 4 Czech, 1 USSR reference. (Manuscript received 23 Mar 66).

1/1

DOBIRS, J.

1. *Wahn, Hans und Arnold, in: Correspondence between Wahn and Their Historical Institute, 1920-1921*. In *Historical Institute, University of Berlin*, 1920-1921, *Archiv für Geschichte der Universität Berlin*, pp. 156.

2. "Delayed Response to Mental Health in 1920 with particular reference to the Association of Psychiatry, Psychology and Neurology," by G. C. Ladd, *Journal of Mental Health*, Vol. 1, No. 1, 1920, pp. 1-10; "Delayed Response to the Institute of Psychology, University of Berlin," by G. C. Ladd, *Journal of Mental Health*, Vol. 1, No. 2, 1920, pp. 1-10.

3. *Statement of the Committee of Faculties of the University of Berlin*, 1920, *Archiv für Geschichte der Universität Berlin*, 1920, pp. 1-10.

4. *Memorandum of the Department of Psychiatry, Psychology and Neurology, University of Berlin*, 1920, *Archiv für Geschichte der Universität Berlin*, 1920, pp. 1-10.

5. "The President of the Central Commission of Berlin in His Message to A. H. Ladd, President of the American Section of the International Society of Psychologists, Psychiatrists and Neurologists, in Berlin, Germany, October 20, 1920." *Central Commission of Berlin*, 1920, *Archiv für Geschichte der Universität Berlin*, 1920, pp. 1-10.

6. "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 2, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 3, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 4, 1920, pp. 1-10.

7. *Second Conference on Experimental Research*, by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 1, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 2, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 3, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 4, 1920, pp. 1-10.

8. *Second Conference on Experimental Research*, by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 1, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 2, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 3, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 4, 1920, pp. 1-10.

9. *Second Conference on Experimental Research*, by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 1, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 2, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 3, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 4, 1920, pp. 1-10.

10. *Second Conference on Experimental Research*, by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 1, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 2, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 3, 1920, pp. 1-10; "Second Conference on Experimental Research," by R. H. M. Ladd, *Journal of Mental Health*, Vol. 1, No. 4, 1920, pp. 1-10.

E/T

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610004-5"

Dobias, J.

9

2/3/00

abn 2406, 2606

26850
Z/038/61/000/004/005/005
D238/D305.

AUTHORS:

Petukhov, V.A., Habanec, J., Zhurnavlev, A.A., Karmasim, M.,
Kotov, V.J., Myao, E.A., Obukhov, J.I., Sochor, V., Cirák,
J., Benda, F., Dobíš, J., Marek, M., Fukáč, T., Svetov, L.
V.

TITLE:

A model of an annular cyclotron

PERIODICAL:

Jaderná energie, no. 4, 1961, 136 - 137

TEXT: This is a translation of an Russian article entitled "Model' kol'tsevogo fazotrona" (Model of an Annular Cyclotron) originally published in the Soviet periodical "Atomnaya energiya", 9, (1960), no. 12, pp 491-493. It deals with the model of an annular cyclotron which is a fixed-field, alternating-gradient accelerator, built by Soviet and Czechoslovak physicists at the United Institute of Nuclear Research in Dubna. The proposal for an annular cyclotron was made for the first time in 1953 by A.A. Kolomenskiy, V.A. Petukhov and M.S. Rabinovich (Ref 1: Nekotoryye voprosy teoriyi tsiklicheskikh uskoriteley (Some Problems of the Theory of Cyclic Accelerators), AN SSSR, 1955; Pribory i technika experimenta (1956), no. 2, p. 26). The elec-

Card 1/2

A model of an annular cyclotron

26850
Z/038/61/000/004/005/005
D230/D305

magnet of the accelerator consists of eight similar, alternately reserved parts, each of which has two sectors with opposite orientation of the magnetic field, and two straight sections. The accelerator is used for electron acceleration. Electrons with energies of 20-40 kev can be injected either continuously or in pulses. Using a combination of eddy and radio-frequency fields, a beam energy up to 2MEV can be obtained with this model. Preliminary results obtained during test runs have shown the high accuracy of the machine and the great stability of its principal magnetic characteristics. Also, in agreement with the theory, a number of various resonances was observed which have a substantial influence on the intensity of the accelerated beam. There are 2 figures and 7 references: 4 Soviet-bloc and 3 non-Soviet-bloc. The references to the English-language publications read as follows: K. Symon, Phys. Rev. 98 (1952), 1152; T. Okhawa, Rev. Scient. Instrum. 29, (1958), 108.

Card 2/2

DOBIAS, Jiri, inz.

Forest transportation net in the gradual shelterwood cutting system. Les cas 9 ne.4/5:429-450 '63.

1. Lesnicka fakulta, Vyseka skola zemedelska, Praha.

DOBIALS, Karel, inz.; KREMEN, Jaromir, inz.

Modeling the general function response on a multisection
potentiometer. Slaboproudý obzor 24 no. 7:386-392 J1 '63.

l. Aritma, n.p., Praha.

AUTHOR: Jirka, Karel (Jirash, K.) (Engineer); Kremec, Jaroslav
(Translator)

TITLE: VLF oscillator

SOURCE: Slaboproudny obzor, v. 25, no. 7, 1964, 383-389

TOPIC TAGS: VLF oscillator, analog computer, frequency range, DC amplifier, MEDA computer

ABSTRACT: In view of the absence on the commercial market of a quality oscillator operating in the 0.01 to 20-30 cps range, a study has been undertaken to apply analog computer design principles in the construction of a very low frequency (VLF) oscillator. The circuit is based on a vacuum tube differential amplifier with a transistored oscillator section. The circuit is simple and reliable.

Card 1/2

L 16508-65
ACCESSION NR: AP4041659

shape of the output signal. A method for determining terminal damping is described. The following output voltage characteristic results were obtained with amplifiers used in the MEDA computer: output I: $\cos(\omega t + \psi)$; 2% error; triangular oscillations; output II: cosine or rectangular in pulse modulations; amplitude of the output voltage: 0 to 20 v; frequency range: 0 to 1000 cps; the sinusoidal and nonsinusoidal oscillations: ± 1 and $\pm 5\%$, respectively; frequency range: 0 to 1000 cps; amplitude: 11 cycles; accuracy of phase testing: $\pm 1^\circ$; and nonsinusoidal oscillations: ± 5 and $\pm 10\%$, respectively; permissible load for outputs I and III: 20 kohm or no load (for compensation measurements) and 10 kohm min, respectively; distortion of the sinusoidal characteristic: 0.5% max; accuracy of phase testing: $\pm 1^\circ$; power supply: 220 v $\pm 5\%$; required power: 100 w. In the details of circuit design are given. Orig. art. has: 23 formulas and 1 figure.

ASSOCIATION: none

SUBMITTED: 03 May 64

ENCL: 00

SUB CODE: EC

NO REF 60V: 000

OTHER: 002

Card 2/2

SULAN, Z.; SEDLAK, F.; HEROUT, V.; KOVAR, Z.; DOBIAL, V.

On the problem of chronic gastritis in soldiers. Voj. zdrav. listy 34 no.3:99-101 Je '65.

1. Interni oddeleni vojenske nemocnice v Jaromeri (nacelník plk. MUDr. Vaclav Dobias) a Patologicko-anatomický ústav Lekarske fakulty v Hradci Kralova (prednosta prof. MUDr. A. Fingerland, DrSc.)

DOBIAS, V.

System of measures against weeds. p. 306. (VESTNIK, Vol. 4, No. 5/6, 1957,
Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

DOBIAK, V.

AGRICULTURE

PERIODICAL: VESTNIK, VOL. 6, no. 2, 1959

Dobias, V. Czechoslovak Scientific Society of Agricultural Engineering will improve the professional level of engineers. p. 113.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,
May 1959, Unclass.

ZAPLETAL, R., inzenyr; DOBIAS, Vl., inzenyr

Czechoslovak Academy of Agricultural Sciences on increase of the
crop of staple products. *Vestnik CSAZV* 6 no.12:649-651 '59.

(EHA 9:4)

1. Ceskoslovenska akademie zemedelskych ved, Praha.
(Czechoslovakia--Agriculture)

DOBIAS, Vaclav (Maj. MD) (Hradec Kralove Military Medical Academy)

Author of article, "Maksim Petrovich Konchalovskiy," discussing
the work and life of the Soviet physician.
(VZL, Jan 55)

SO: Sum. 600, 1 Aug. 1955,

DOBIAS, Vaclav, Maj, Dr, Hradec Kralove Military Medical Academy

Author of article, "The Significance of the Great October Socialist Revolution for the Development of Medicine," dealing with the difference between the USSR and the capitalistic countries in matters of health. He states that Soviet medicine serves as an example for both Czechoslovak civilian and military medicine.
(VZL, Nov 54)

SO: Sum. 436, 30 March 1955

DOBIAS, Vaclav, Maj Dr

Coauthor with Col Dr Jan OSANEC, Hrade Kralove Military Medical Academy, Capt Dr Bohumil MACEK, and Capt Dr Jaroslav PROCHAZKA, of a historical article, "Care of Wounded in the Austro-Prussian War of 1866." (VZL, Dec 54)

SD: Sum. 436, 30 March 1955

PETUKHOV, V.A., GABANETS, I.; ZHURAVLEV, A.A., KARMASIN, M.; KOTOV, V.I.,
MYAE, E.A.; OBUKHOV, Yu.L.; SOKHOR, V.; TSIRAK, Yu.; BENDA, F.;
DOBLASH, I.; MAREK, M.; PUKATKO, T.; SVETOV, L.V.

Model of a ring synchrocyclotron. Atom. energ. no. 6:491-493 D '60.
(MIRA 13:12)
(Cyclotron)

~~DO NOT DESTROY~~S/009/60/009/006/007/011
2102/2212

21/2000 Oct 15/3 P
AUTHORS: Petukhov, V. A., Gubanets, I., Zhuravlev, A. A., Karmatin, M.,
 Koton, V. I., Mvae, E. A., Oshukov, Yu. L., Sotnikov, V. V.,
 Tsvetkov, Yu. S., Zvezda, F., Dobiasch, I., Marek, M., Fukato, T.,
 Svetov, L. V.

TITLE: The model of the ring proton synchrotron**PERIODICAL:** Atomnaya energetika, v. 9, no. 6, 1960, 491-493

TEXT: The ring proton synchrotron which is a powerful focusing accelerator with a magnetic field constant with respect to time, has been suggested in 1955 by V. A. Petukhov, Yu. A. Petukhov, and M. S. Abinovich and, independently of them, in 1955 by S. G. Sosen (Phys. Rev., 25, 1152 (1955)). The new device seems to be able to produce very intensive accelerated-particle beams. A model of this ring synchrotron (with radial sectors) has been constructed at the Ob'yedinenyj nauchno-issledovatel'nyj (Joint Institute of Nuclear Research). The electrons consist of eight elements arranged periodically, each of which has a direct and an inverse sector; it also has two straight sections. The azimuthal

Card 1/3

22d.17

S/009/60/009/006/007/011
2102/2212**The model of the ring...**

The dimension of the direct sector, which focuses the beam in radial direction, is 22.30', and that of the inverse sector, which brings about the vertical focusing, is 7.30'. The inverse sectors cause the orbital perimeter of the ring synchrotron to be bigger than that of a standard accelerator. The ratio of the maximum radius of the accelerator forming accelerator to the minimum radius of curvature is approximately equal to 3. The orbit to the minimum radius of curvature is arranged such that the magnetic field increases with the radius of the orbit according to $B = B_0(R/R_0)^{1/2}$, i.e., it increases from 42 de at $R = 35$ cm to 50 de at $R = 55$ cm. The magnet is 18 increases from 42 de at $R = 35$ cm to 50 de at $R = 55$ cm. The magnet exhibits the characteristic that the gap between its poles increases in proportion to the gap radius. Therefore, the vertical dimensions of the working area will also change from 2 to 4 cm. The increase of all geometrical dimensions of the sectors is equal to 4) bring about a index K (the field index of the orbit), and the frequency of the free oscillations will also be constant. The number of betatron oscillations per circulation may be varied from 1 to 5 in the vertical direction, and from 2.5 to 3.5 in the radial direction. The model is especially suited for

Card 2/3

S/009/60/009/006/007/011
2102/2212**The model of the ring...**

The electron acceleration (or 20-40 kev electrons) may be done continuously or in a pulsed manner. The acceleration is done with an electric field having a voltage of 10 to 20 V per circulation and a frequency of 450-500 cps. The first test results obtained from this unit, showed that it is very suitable with regard to the accuracy of collection and the stability of the principal magnetic characteristics. There are 2 figures and 7 references. 5 British-English Publications Read as follows: 2 are references to English-language Publications Read as follows: 2 are references to English-language Publications Read as follows: K. Spon, Phys. Rev., 25, 1152 (1955); T. Ottawa, Rev. Scient. Instrum., 29, 100 (1956).

SUMMARY: May 28, 1960.

Card 3/3

24.6 73028780
S/057/61/031/010/013/015
B111/B112**AUTHORS:**

Benda, F., Gabanets, I., Dobiash, I., Zhuravlev, A. A.,
Karmasin, M., Kotov, V. I., Marek, M., Myae, E. A., Obukhov,
Yu. L., Petukhov, V. A., Svetov, L. V., Sokhor, V., Fukatko,
T., and Tsirak, Yu.

TITLE: Annular proton synchrotron with radial sectors**PERIODICAL:** Zhurnal tekhnicheskoy fiziki, v. 31, no. 10, 1961, 1253-1261**TEXT:** This article describes the model of an annular proton synchrotron with radial sectors, built and put into operation at the Ob'yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research).

Technical data:

Number of periodicity elements	8
Azimuthal dimensions of a direct sector	22°30'
Azimuthal dimensions of an inverse sector	7°30'
Azimuthal dimensions of the gap	7°30'
amplification factor	~3
Initial radius	35 cm

Card 1/51

X

28780
8/057/61/031/010/013/015
B111/B112

Annular proton synchrotron with ...

Final radius	59 cm
Vertical dimension of the chamber for the initial radius	2 cm
Coefficient k for which $H = H_0 (r/r_0)^k f(\Theta)$	4
Field strength in the initial radius	~ 420 Oe
Field strength in the final radius	~ 310 Oe
Injection energy	20 - 40 kev
Critical energy (total)	1.12 Mev
Final energy (total)	~ 2 Mev

The frequencies of free particle oscillations were found to be $\nu_x \approx 3.5$ and $\nu_z \approx 1.8$, which are lower than the theoretical value. The machine can also be used for studying the behavior of the particle beam and its accumulation. A cross-sectional view of the electromagnet is shown in Fig. 1. A pressure of $1 - 2 \cdot 10^{-6}$ mm Hg prevailed in the vacuum chamber. The injection system is designed both for pulsed and continuous operation. Acceleration is effected by an electric rotating field of 500 cps and 10 - 25 v per revolution. A special "speed up" system (rotating field of 600 v per revolution) serves for improving the electron-capture efficiency.

Card 25/

28780

S/057/61/031/010/013/015
B111/B112

Annular proton synchrotron with ...

The pulse, which is excessively increased by the "speed up" process, is reduced by a thyratron circuit. A constant value of k could be attained with a theoretically calculated arrangement of the field coils along the ideal orbit. In addition to the principal coils, a coil was placed at the yoke of each sector, by which the influence of the iron resistance was eliminated. k and the azimuthal field distribution were measured with induction coils and a ballistic galvanometer. With a few exceptions, the values of k agreed with theoretical values to within $\pm 1\%$. The azimuthal inhomogeneity of the field was never greater than $\pm 1\%$. The position of the magnetic surfaces was determined with Permalloy feelers with an error of 0.2 mm. The deviation from the theoretical values was never greater than 0.5 mm. The indication of the beam during the first revolutions (without acceleration) was carried out with screens and coordinate nets in the chamber, and later (with acceleration) with photomultipliers equipped with radially adjustable sets of targets. The measurements showed that the field is strongly affected by the induction and "speed-up" core (e.g., azimuthal inhomogeneity). It was found that under optimum conditions, the upward deviation of the beam from the center of the chamber did not exceed ± 4 mm, and that the deviation of the equilibrium

Card 3/5
4

Annular proton synchrotron with

28780
S/057/61/031/000/003/015
B711/B112

orbits at one and the same point of the magnetic field was .5 mm per revolution. It is noted that this model can be used to study resonances with free oscillations, electron capture into a betatron system, and accumulation of accelerated particles. Yu A. Chernyshov, A. Grachev, and R. N. Fedorov are thanked for assistance. There are 6 figures, 1 table, 9 references: 4 Soviet and 5 non-Soviet. The three most recent references to English-language publications read as follows: Ref. 1: T. Ohkawa, Rev. Sci. Instr., 29, 108, 1958. Ref. 8: F. T. Cole et al., Rev. Sci. Instr., 28, 403, 1957. Ref. 9: K. M. Terwilliger et al., Rev. Sci. Instr., 28, 987, 1957.

SUBMITTED: December 6, 1960

Fig. 1: Cross-sectional view of electromagnet and vacuum chamber.
Legend: (1) magnet; (2) chamber; (3) principal coils of magnet; (4) yoke coils.

Card 4/5

SUCHAN, M.; GYORGY, A.; Technicka spoluprace: DOBIASOVA, A.; MITEROVA, K.;
POLAKOVA, Z.

Investigations on effects of alcohol on receptivity of erythrocyte
group agglutinogens in vitro. Cas. lek. cesk. 95 no.7:187-193
17 Feb 56.

1. Ustredni hematologicke laboratoire fakultni nemocnice v Praze.

(Rh FACTORS,

eff. of alcohol on receptivity of erythrocyte Rh
agglutinogens.(Cz))

(ALCOHOL, ETHYL, effects.

on Rh erythrocyte agglutinogens(Cz))

(HEMAGGLUTINATION,

Rh erythrocyte agglutinogens, eff. of alcohol.(Cz))

EXCERPTA MEDICA Sec 8 Vol 12/9 Neurology Sept 59

4619. THE COOMBS TEST IN PSYCHIATRY - Coombsův test v psychiatrii -
Dohdáková L. and Kubícková Z. Psychiat. Klin., Karlovy Univ.,
Praha - PROBL. PSYCHIAT. (Sborník) 1957 (30-42)

A direct and indirect Coombs test were used, with normal and enzymatically treated blood cells in 316 patients with various mental disorders in order to ascertain whether: (1) sensitization of the erythrocytes occurs and free antibodies appear in the serum, as assumed, for example, in oligophrenia by Rh factor, and (2) a relationship exists between schizophrenia and haemolytic anaemia, according to the theory of Scheid. A description of the methods is given. In the series of mental disorders investigated by means of this test, their cause was not seen in iso-immunization factors, nor was haemolytic anaemia observed.

4620. CORRELATION OF MENTAL DISORDERS WITH HEMOLYTIC ANAEMIA

DOBIA SOVA, L.; KOSTIR, J.

Our experiences with the so-called Akerfeldt reaction in psychosis.
Cesk. Psychiat. 53 no.6:395-397 Dec 57.

1. Psychiatricka klinika IJ a Biochemicky ustav matematicko-fysikalni
fakulty v Praze. L. D., Praha 2, Ke Karlovu 11.
(SCHIZOPHRENIA, diag.
Akerfeldt test (Cs))

DOBIA SOVA, L. (Praha 2, Ke Karlovu 11.)

Relation between hematology & psychiatry in clinical practice. Cesk. Psychiat. 54 no.2:129-137 Apr 58.

1. Psychiatricka klinika v Praze.
(MENTAL DISORDERS, blood in
review (Cz))
(CENTRAL NERVOUS SYSTEM, dis.
blood in, review (Cz))

ROUBICEK, Jiri; DOBIASOVA, Libuse

Insulinism. Cas. lek. cesk. 98 no.24:762-766 12 June 59.

1. Psychiatricka klinika MU v Praze, prednosta prof. dr. V. Vondracek.
J. R., Praha 1, Vsehrdova 27.
(INSULIN, inj. eff.
insulinism (Cz))

DOBIAKOVÁ, L.; CIHULA, J.

Contribution to the diagnosis and therapy of the so-called chronic interstitial pneumofibrosis in children. Cesk.pediat.15 no.6/7:
539-544 Jl'60.

1. Detska klinika v Hradci Kralove, prednosta prof.dr. J.Blecha.
(PULMONARY FIBROSIS in inf & child)

/
CZECHOSLOVAKIA

BOBIASOVA, L; BLECHA, J., Prof. Dr.

Children's Clinic of the Medical Faculty of KU (Detska
klinika lekarske fak. KU), Hradec Kralove

Prague, Rozhledy v tuberkulose, No 9, 1963, pp 625-629

"Case-Finding of Childhood Tuberculosis in the Eastern
Bohemian Region."

DOBIALSOVA, L.; TOMANEK, J.

Tuberculosis in vaccinated children not exposed to tuberculosis
in the immediate environment. Cesk. pediat. 20 no.11:99-995
N '65.

1. Detska klinika lekarske fakulty Karlovy University v Hradci
Kralove (prednosta prof. dr. J. Blecha, DrSc.).

JANAK, J.; DOBIASOVA, M.; VERES, K.

Separation of saturated and unsaturated C₄ and C₆ fatty acids by
means of gas chromatography. Coll Cs Chem 25 no.6:1566-1572 Je '60.
(EEAI 10:9)

1. Laboratorium fur Gasanalyse, Tschechoslovakische Akademie der
Wissenschaften, Brno und Biologisches Institut, Tschechoslovakische
Akademie der Wissenschaften, Prag.

(Fatty acids) (Chromatography)

LIEBSTER, J.; KOPOLDOVA, J.; KOZEL, J.; DOBIASOVA, M.

Preparation of compounds nonspecifically marked with C¹⁴ by means of biosynthesis. I. Apparatus for biosynthesis and preparation of non-specifically marked Carbohydrates. Coll Cz chem 26 no.6:1582-1590 Je '61.

1. Biologisches Institut der Tschechoslowakischen Akademie der Wissenschaften, Prag.

(Tracers(Biology)) (Carbohydrates)

LIEBSTER, J.; KOPOLDOVA, J.; DOBIASOVA, M.; KOZEL, J.

Preparation of C¹⁴-tagged compounds by means of biosynthesis. II.
Isolation of C¹⁴-tagged photosynthesis products from the algae
Chlorella vulgaris. Coll Cz chem 26 no.6:1694-1699 Je '61.

1. Biologisches Institut, Tschechoslowakische Akademie der Wissenschaften, Prag.

(Tracers(Biology)) (Algae) (Photosynthesis)

LIEBSTER, J.; DOBIASOVA, M.; KOPOLDOVA, J.; EKL, J.

Preparation of C¹⁴-tagged compounds by means of biosynthesis. III.
Separation of C¹⁴-tagged amino acids from protein hydrolysate of
the algae Chlorella vulgaris. Coll Cs chem 26 no.6:1700-1707 Je '61.

1. Biologisches Institut, Tschechoslowakische Akademie der Wissenschaften, Prag. (For Liebster, Dobiasova, Kopoldova) 2. Institut für Forschung, Erzeugung und Anwendung von Radicisotopen, Prag (for Ekl).

(Tracers(Biology)) (Amino acids) (Algae)

RICHTER, A. F.; OPPLT, J.; s technickou asistenci ~~HENSKE, B.~~ DOBIALSOVÉ, M.

On nitrogen extraction curves as criteria of the state of the serum
in physiological equilibrium. Cas.lek.cesk 100 no.50:1568-1577
15 D '61.

(NITROGEN blood)

BENES, J.; DOBIASOVA, M.; VERES, K.

14

Synthesis of methylmalonic acid-¹⁴CH₃; side reactions in the alkylation
of ethyl malonate. Coll Cz Chem 29 no.12;3178-3181 D '64.

1. Isotope Laboratory of the Institutes of Biological Research of
the Czechoslovak Academy of Sciences, Prague.

DOBIECH, Andrzej, mgr inz., asystent

Remarks on the Polish production of hand-operated hoists.
Przegl mech 23 no. 1: 21-23 10 Ja '64.

1. Katedra Dzwignic, Politechnika, Lodz.

DOBIECH, Andrzej, mgr inz.

Brake releases. Przegl mech 23 no.23:685-688 10 D '64.

1. Elta, Transformer and Traction Apparatus Works, Lodz.

DORLECKI, J.

The problem of organizing the Riesengebirge National Park at an earlier date. p. 27.

CHRONMY PRZYRODE OJCZYSTA (Panstwowa Rada Ochrony Przyrody) Krakow, Poland.
Vol. 15, no. 2, Mar/Apr 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.
Uncl.

DEMETER, Tsdeusz, doc. mgr inz.; DOBIEJEWSKI, Zbigniew, mgr inz., st.
asystent

Testing of mechanically working powder couplings. Przegl
mech 22 no. 12: 371-373 25 Je '63.

1. Katedra Elementow Maszyn, Politechnika, Wroclaw.

DEMETER, Tadeusz, doc. mgr inz.; DOBIEJEWSKI, Zbigniew, mgr inz.,
st. asystent

Spiral torque meter. Przegl mech 22 no. 13:414-415 10 Jl '63.

1. Kierownik Katedry Elementow Maszyn, Politechnika, Wroclaw
(for Demeter) 2. Katedra Elementow Maszyn, Politechnika,
Wroclaw (for Dobiejewski).

DOBIECKA, Ernestyna; TUCHOLSKA, Halina

The age of grain and methods of distinguishing spring and
winter wheat. Roczniki wyz szkola rol Poznan 15 149-161
'63.

1. Department of General Soil Tillage and Plant Cultivation,
College of Agriculture, Poznan.

L 20182-66 EWP(e)/EWP(t)/EWP(n) IJP(c) JD/WH
ACC.NR. AT5022102

SOURCE CODE: R0/2542/64/000/007/0025/0029

AUTHOR: Dobierzewska-Mozrzymas, E. (Master of Science, Senior assistant in the Physics Department)

ORG: none

TITLE: Optic coefficients of thin indium films in the ultraviolet range

SOURCE: Breslau. Politechnika. Zeszyty naukowe, no. 95, 1964. Fizyka, no. 7, 25-29

TOPIC TAGS: optic activity, optic property, optic constant, indium compound optic material, quartz optic material, optic measurement, optic thickness, optic method, optics, reflection coefficient

ABSTRACT: The optic properties of thin indium films deposited on a quartz substrate in vacuum at $p = 7 \times 10^{-5}$ Torr were investigated. The coefficients of reflection of the indium film R and of the quartz substrate R', and the coefficient of transmittance T were measured on films of 5 different thicknesses in the 200-450 m μ wavelength range. The optic coefficients and the absorption coefficient A = 1 - (R + T) were plotted as functions of wavelength (λ) and film thickness (d). The results show that 1) the R and R' coefficients increase with increase in wavelength, 2) the T coefficient increases with decrease in wavelength, 3) the A coefficient increases slightly with increase in wavelength for the thinnest indium films 1 and 2, remains constant for film

Card 1/2

L 20182-66

ACC NR: AT5022102

2

3 in the wavelength range under study, and decreases with increase in wavelength for the 4 and 5 thickest indium films, 4) the R and R' coefficients monotonically increase with increase in film thickness, 5) the T coefficient decreases with increase in film thickness, and 6) the A coefficient increases with increase in film thickness with the increase being more distinct for the short waves. This study is a continuation of another study published in "Zeszyty naukowe, no. 54, 1962." The author thanks: Dr. C. Wesolowska for her help and comments, and Professor Z. Bodnar, Chief of the Physics Department, for his friendly guidance in carrying out this study."

Orig. art. has: 6 figures.

SUB CODE: 20 SUBM DATE: none ORIG REF: 002 OTH REF: 009

Card 2/2 M/S

L21056-65 EEC(b)-2/EPP(n)-2/MT(1)/EMP(b)/T/EMP(t)/ Pu-L/ IJP(c)/SSD/AFWL/
ASL(a)-5/AS(mp)-2/ESD(dr.)/ESD(z) GG/JG/JD

ACCESSION NO. A96045520

P004578/1000/0

AUTHOR: Wesolowska, C.; Dobierzewska-Mozrymasowa, E.

TITLE: Optical properties of thin film indium films

SOURCE: Acta physica polonica, v. 24, no. 1, 1963, 65-71

TOPIC TERM: thin film, indium, optical property, vacuum deposition, optical coefficient

ABSTRACT: The optical properties of thin indium films deposited by evaporation in vacuum (5×10^{-5} torr) on glass supports (parallel plates and optical wedges) were investigated. Thick indium films (500 Å) with metallic luster were obtained by sputter evaporation from two molybdenum boats connected in parallel. When the source, indium single crystals were used; the chief impurities were Pt (10^{-3} %), Mg ($10^{-5}\%$), and Cu ($10^{-4}\%$). A Zeiss spectrophotometer was used in the range from 400 to 1000 millimicrons at 5 millimicron intervals to measure the following optical coefficients for vertically incident light: the reflectance on the air side R, the series and

Card 1/4

L 20056-65

ACCESSION NR: AP4045520

at the substrate R', and the transmittance T. Reflectances R and R' were measured by a special reflectance apparatus designed by Engineer Wink. The errors involved in measuring T and R were about 1% and 2%, respectively. Film thickness was measured by a Heidenhain beam micrometer. It was found that δ increases and λ decreases monotonically with increasing wavelength while T decreases monotonically with increasing film thickness and R and R' increase with increasing wavelength and film thickness. The real n and the imaginary parts of the complex refractive index were determined from the experimentally determined values of R, R', and T, by utilizing Male's graphical method (refer to the Enclosure for tabulated values). The optical properties of indium films in the ranges below "a" and above 1000 millimicrons are under further investigation. The effects of film aging will be investigated. "The authors thank Dr. J. C. Malo for advice and encouragement." Orig. art. has six figures and one table.

Card 2/4

L 20056-61

ACCESSION NR: AP4045520

ASSOCIATION: Pracownicy Wroclawskie, Katedra fizyki, Wydział Fizyczny
Experimental Physics, Wroclaw Technical University

SUBMITTED: 28Dec63

ENCL: 01

SUB CODE: 44, 5

NO REF SOV: 000

OTHER: 009

Card 3/4

L 20056-65
ACCESSION NR: AP4045520

ENCLOSURE: 01

λ nm	$d = 275 \text{ \AA}$		$d = 316 \text{ \AA}$		$d = 352 \text{ \AA}$		$d = 422 \text{ \AA}$	
	y	x	y	x	y	x	y	x
400	0.48	1.0	0.48	1.7	0.71	2.4	0.47	1.3
500	0.27	1.0	0.45	1.9	0.50	3.0	0.27	2.7
550	0.21	-	0.32	1.8	0.36	3	0.21	2.7
600	0.37	2.2	0.25	0.8	0.87	4.0	0.32	2.7
650	0.47	3.3	0.45	2.0	0.55	2.4	0.32	2.7
700	0.32	2.5	0.52	2.3	0.52	2.4	0.52	2.4
750	0.32	2.6	0.65	2.1	0.50	2.3	0.55	2.7
800	0.35	2.6	0.42	2.0	0.52	2.2	0.42	2.3
840	-	0.45	0.45	2.5	0.37	1.8	0.65	3.0
900	-	-	0.65	2.5	0.6	2.4	0.62	2.7
1000	-	-	0.45	2.5	0.63	2.6	0.55	2.5

Fig. 1. Values of the complex refractive index of thin indium films.

Card 4/4

ACCESSION NR: AP4040364

P/0045/64/025/003/0443/0451

AUTHOR: Wasolowska, C.; Dobierzewska-Mozrzymasowa, E.; Jakubowski, R.

TITLE: Optical coefficients of thin gallium and indium films in the
near infrared and ultraviolet range

SOURCE: Acta physica polonica, v. 25, no. 3, 1964, 443-451

TOPIC TAGS: thin film gallium, indium, infrared, ultraviolet,
gallium, thin film structure

ABSTRACT: Gallium and indium films were deposited on quartz and
glass optical wedges in a vacuum of 5×10^{-5} torr. Five films
were obtained simultaneously from a single deposition process.
The thickness of the deposited films, determined gravimetrically,
ranged from 7 to 28 millimicrons. Gallium was deposited at a rate
of 2 Angstrom units per minute and indium 6 Angstrom units per min-
ute. The following optical coefficients of freshly deposited galli-
um and indium films were measured: the transmittance coefficient,
and the reflectance coefficient from the air side, and the same

Card 1/2

ACCESSION NR: AP4040364

coefficient from the substrate side. Gallium films were measured in the 0.22 to 2 micron range and indium films from 0.4 to 2 microns. The absorption coefficients of the films were determined and a distinct increase of absorption in the ultraviolet part of the spectrum and a drop in the infrared were noted in both gallium and indium films. Thin gallium films exhibited maximum absorption at about 3000 Angstrom units. The transmittance of indium increased monotonically with increasing wavelength. The authors thanked Prof. Z. Bodnar, Dr. J. Rohleder, and I. Wilk for advice. Orig. art. has: 14 figures.

ASSOCIATION: Institute of Experimental Physics, Technical University, Wroclaw

SUBMITTED: 04Oct63 DATE ACQ: 15May64 ENCL: 00

SUB CODE: OP NO REF Sov: 000 OTHER: 009

Card 2/2

BARDIN, I.P., akademik, otv.red.; ANTIPOV, M.I., nauchnyy red.; GORBACHEV, T.F., nauchnyy red.; DOBIN, A.L., nauchnyy red.; YEROFEEV, B.N., nauchnyy red.; KALUGIN, A.S., nauchnyy red.; NEKRASOV, N.N., nauchnyy red.; POSPELOV, G.L., nauchnyy red.; SKOBNIKOV, M., nauchnyy red.; SMIRNOV-VERIN, S.S., nauchnyy red. [deceased]; STRUMILIN, S.G., akademik, nauchnyy red.; KHLEBNIKOV, V.B., nauchnyy red.; CHINAKAL, N.A., nauchnyy red.; SHAPIRO, I.S., nauchnyy red.; SLEDZHYUK, P.Ye., red. toma; SOKOLOV, G.A., red.roma; KUDASHEVA, I.G., red.izd-va; POLENOVA, T.P., tekhn.red.

[Iron ore deposits in the Altai-Sayan mountainous region] Zhelezo-rudnye mestorozhdeniya Altai-Saianskoi gornoi oblasti. Otvetstvennyi red. I.P. Bardin. Moskva. Vol.1. Book 2. [Description of the deposits] Opisanie mestorozhdenii. 1959. 601 p. (MIRA 13:2)

1. Akademiya nauk SSSR. Mezhdunovostvennaya postoyannaya komissiya po zhelezu. (Altai Mountains--Iron ores)(Sayan Mountains--Iron ores)

COUNTRY	: USSR
CATEGORY	: Pharmacology, Toxicology, Chemotherapeutic Preparations. Antihelminthic Substances
INST.	: NIICh., No. 12 1958, No. 56841
AUTHOR	: Bobin, B.F.
TITLE	: Our Experience in Treating Patients with Helminthiasis with Oxygen and Acriquine in a Regional Hospital
REF. PUS.	: Zdravookhr. Belorussii, 1956, No.10, 61-63
ABSTRACT	: No abstract.

Card: 1/1

13613-65 EXP(d)/EXP(m)/EXP(r)/EXP(t)/EXP(k)/EXP(h)/EXP(b)/EXP(l)/SWA(c)
ACC NR: AP6000954 JD/HM/HW (N) SOURCE CODE: UR/0286/65/000/022/0040/0040

AUTHORS: Dobin, I. A.; Ferdinand, Sh. G.

ORG: none

TITLE: A stand for welding sheet metal into strips. Class 21, No. 176337
14.55 A

SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 22, 1965, 40

TOPIC TAGS: sheet metal, welding, flux

ABSTRACT: This Author Certificate presents a stand for welding sheet metal into strips. The stand includes a receiving table, a mechanism for dispensing flux, pneumatic cylinders, and a roller table (see Fig. 1). To improve the quality of welding by distributing the flux more uniformly, the mechanism for applying flux is

Card 1/2

UDC: 621.791.039-41

I 13613-66

ACC NR: AP6000954

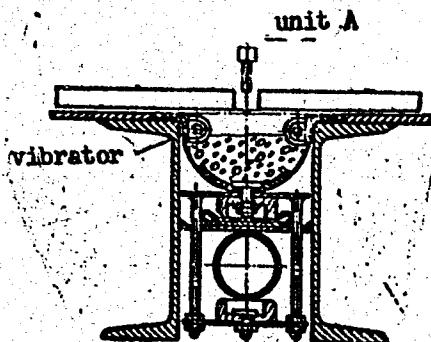


Fig. 1.

O

provided with a vibrator. Orig. art. has: 1 figure.

SUB CODE: 13/

SUBM DATE: 17Jan63

Cord 2/2

SHEVYAKOV, V. (Gor'kiy); DOBIN, K. (Gor'kiy).

Instrument for filling root canals with cement. Stomatologija no.4:53
Ju-Ag '53. (MLRA 6:9)
(Dental instruments and apparatus)

1. DOBIN, L. V.
2. USSR (600)
4. Steamboats--Passenger Accomodation
7. A new type of passenger vessel, Rech. transp., 12, No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

DOBIN, L. ^{V.J.} glavnnyy arkhitektor.

Tasks of architects in planning new river landings. Mor.i rech.flot 13 no.4:
23-26 Ag '53.
(MIRA 6:10)

1. Tsentral'noye tekhniko-konstruktorskoye byuro.

(Wharves)

DOBIN, L.V., inzhener.

New type of passenger vessel with optical side lights. Rech.
transp.16 no.7:19-20 Jl '57. (MLRA 10:9)
(Steamboats--Passenger accommodations) (Ships--Lighting)

DOBIN, L.V., inzh.

Architecture of passenger diesel-powered river vessels. Sudostroenie
25 no.8:1-7 Ag '59.
(Hulls (Naval architecture)) (Merchant marine--Passenger accomodations)
(MIRA 13:2)

DOBIN, L.V., inzh.

Floating self-propelled exhibit called the "River Fleet
of the R.S.F.S.R". Sudostroenie 26 no.2:77 (208) Feb '60.
(MIRA 14:11)
(Inland water transportation--Exhibitions)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610004-5

DOBIN, M. A. and CHERNYAK, V. Z.

"On thrombosis of the celiac aorta and its branches during infectious anemia of horses." In symposium: Nauch.-prakt. raboty voyen-vet. sluzhby, Moscow, 1948, p. 102-03

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410610004-5"

DOBIN, M. A.

23531 O NEKOTORYKh KLINICHESKI INFECTSIONNY ENTSEFALOMIELIT (LEM). SBORNIK
NAUCH. TRUDOV (LENINGR. VET. IN-T), VYT. 10, 1949, c. 156-62

So: LETOPIS' NO. 31, 1949

DOBIN, M. A.

23530 IZMENENIYA SERDECHNOY MYShTsY PRI ROZhE SVINEY. SBORNIK NAUCH. TRUDOV
(LENINGR. VET. IN-T), VYT. 10, 1949, c. 163-72

So: LETOPIS' NO. 31, 1949

DOBIN, M.A., CHERNYAK, V.Z., KOKURICHEV, P. I.

"Fundamentals of Legal Veterinary Inspection" Moscow-Leningrad. Sel'khozgiv, 1951
SOURCE: Veterinariya, Jan 1952; Trans # 155

DOBIN, M. A. and KATSNEL'SON, Z. S. (Prof.)

U "Materials on histogenesis and involution of nodular affections in swine paratyphoid", (Lecturer, Department of Histology and Embryology, anf the Department of Pathological Anatomy). Collected Works No. 14, Leningrad Veterinary Institute USSR Ministry of Agriculture, p 30, Sel'khozgiz, 1954.

DOBIN, M.A. (Lecturer), ZUBOVA, N. N. (Aspirant) and EPSHTEYN, Yu. F.

"Concerning the Pathological-anatomic picture of rabies", (Department of Pathological Anatomy and the Diagnostic Laboratory of the Agriculture Department, Executive Committee of Leningrad City Council, attached to the Utilization Plant). Collected Works No. 14, of Leningrad Veterinary Institute USSR Ministry of Agriculture, p 52 Sel'khozgiz, 1954.

DOBIN, M. A.

"Pulmonary test for determination of the still-birth in animal husbandry practice",
(Lecturer, Department of Pathological Anatomy and the Diagnostic Laboratory of the
Agriculture Department, Executive Committee, Leningrad City Council; Attached to the
utilization Plant). Collected Works No. 14, of Leningrad Veterinary Institute USSR
Ministry of Agriculture, P 139, Sel'khozgiz, 1954.

DOBIN, M.A., kandidat veterinarnykh nauk; EPSHTEYN, Yu.F., LAPIDUS, S.S.,
kandidat veterinarnykh nauk.

Werk of a rendering plant in Leningrad. Veterinariia 33 no.8:71-74
Ag '56.
(MIRA 9:9)

1Patanatomiceskaya laboratoriya vетсектора sel'khozotdela ispolkoma
Lengorsoveta (for Epshteyn).2.Vsesoyuznyy nauchno-issledovatel'skiy
institut veterinarnoy sanatorii i ektoparazitologii (for Lapidus).
(Leningrad--Rendering works)

Country	: USSR
Category	: Diseases of Farm Animals. Toxicoses.
Abs. Jour	: Ref Zhur-Biol., No 21, 1958, 97013
Author	: Dobin, M. A.; Epshteyn, Yu. F.
Institut.*	: -
Title	: Pathologo-Anatomical Diagnosis of Poisoning in Horses.
Orig Pub.	: Veterinariya, 1957, No 2, 52-53
Abstract	: The authors found that autopsies performed on a considerable number of horses which perished from poisoning show a peculiar sharply marked blackening of the mucosa of the dorsum linguae which acquires a velvety dull-black color ("vel- vety-black tongue"). In order to obtain more precise data on this observation, a chemical investigation was conducted involving 35 cases of perished horses, whose carcasses revealed in autopsy a blackening of the mucosa of the
Card:	<p>+ Diagnosticheskaya Laboratoriya : 1/2 proektoriy pri Leningradskom utilizatsionnom zavode</p>

21

Country	:	USSR
Category	:	Diseases of Farm Animals. Toxicoses.
Abs. Jour	:	Ref Zhur-Biol., No 21, 1958, 97013
Author	:	
Institut.	:	
Title	:	
Orig Pub.	:	
Abstract	:	dorsum linguae. It was shown that indeed fluorine poisoning or some other kind of poisoning had taken place; in a number of cases the blackening of the mucosa of the dorsum linguae which was discovered at autopsy was the only indication permitting to suspect poisoning. -- A. A. Finkel'
Card:		2/2

COUNTRY : USSR
CATEGORY : Diseases of Farm Animals.
 Diseases Caused by Helminths.
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12150

AUTHOR : Dobin, V. A.
INSTIT. : Leningrad Scientific Research Institute of*
 Belasondia Caused Bacteriosis and Aseptic Peritonitis
 in the Horse.
ORIG. PUB. : Sb. tr. Leningr. n.-i. vet. in-t, 1957,
 vyp. 7, 177-181
ABSTRACT : No abstract.

Card: 1/1
*Veterinary Science.

USSR/General Problems of Pathology - Tumors

U-4

Abs Jour : Rof Zhur - Biol., No 7, 1958, No 32612

Author : Sinov A.V., Dobin M.A., Yushkhovskiy M.A.

Inst : Not Given

Title : On the Problem of Leukemia in Agricultural Animals.

Orig Pub : Sb. rabot Leningr. vet. in-t, 1957, vyp. 16, 4-9

Abstract : No abstract

Card : 1/1

DOBIN, M. A. Doc Vet Sci -- (diss) Data on the pathological anatomy of the cardiovascular system of horses." Len, 1958. 27 pp (Min of Agriculture USSR. Len Vet Inst), 150 copies (KL, 11-58, 119)

-101-

DOBIN, M.A.

PROTASOV, A.I., dotsent; SINEV, A.V., prof.; SMIRNOV, A.M., dotsent;
BAZHENOV, A.N., dotsent; VIL'NER, A.M., prof.; BASHMURIN, A.F.,
dotsent; SHAKALOV, K.I., prof.; VELLER, A.A., prof.; NIKANOROV,
V.A., prof.; FEDOTOV, V.P., dotsent; KUZNETSOV, G.S., prof.;
BOCHAROV, I.A., prof.; SHCHERBATYKH, P.Ya., prof.; TSION, R.A.,
prof.; GRIBANOVSKAYA, Ye.Ya., dotsent; ADAMANIS, V.F., assistant;
KOLABSKIY, N.A., dotsent; MITSKEVICH, V.Yu., dotsent; GUSEVA, N.V.,
dotsent; MYSHKIN, P.P., dotsent; GUBAREVICH, Ya.G., prof.;
FEDOTOV, B.N., prof.; DOBIN, M.A., dotsent; SIROTKIN, V.A., prof.
[deceased]; KUZ'MIN, V.V., prof.; YEVDOKIMOV, P.D., prof.; POLYAKOV,
A.A., prof.; POLYAKOV, P.Ya., red.; BARANOVA, L.G., tekhn.red.

[Concise handbook for the veterinarian] Kratkii spravochnik veteri-
narnogo vracha. Leningrad, Gos.izd-vo sel'khoz.lit-ry, 1960. 624 p.
(MIRA 13:12)

(Veterinary medicine)

DOBIN, Mendel' Aronovich, prof.; KUKURICHEV, Pavel Ivanovich, prof.;
POLYAKOV, P.Ya., red.; VARANOVA, L.G., tekhn. red.;
FRIDMAN, Z.L., tekhn. red.

[Laboratory manual on veterinary pathological anatomy and
autopsy] Praktikum po veterinarnoi patologicheskoi anatomii
i vskrytiiu. Leningrad, Sel'khozisdat, 1963. 239 p.
(MIRA 16:7)

(Veterinary pathology) (Autopsy)

CHERNYAK, Valentin Zakharovich; DOBIN, Mendel' Aronovich; KOKURICHEV,
Pavel Ivanovich; POLYAKOV, P.Ya., red.; BARANOVA, L.G.,
tekhn. red.

[Legal veterinary expertise] Sudebno-veterinarnaia ekspertiza.
3., ispr. i dop. izd. Leningrad, Sel'khozizdat, 1963. 254 p.
(MIRA 16:7)

(Veterinary jurisprudence)

FRENKEL', M.D.; DVORKINA, T.V.; DOBIN, Ya.I.

Modification of Wick apparatus for determining the thermal
stability of plastics. Plast. massy no.11:57-58 '63.
(MIRA 16:12)